

DOCUMENT RESUME

ED 300 886

EA 020 338

TITLE Staff in Public Elementary and Secondary Schools and School Systems, Fall 1983. OERI Historical Report.

INSTITUTION Center for Education Statistics (OERI/ED), Washington, DC.

REPORT NO CES-86-103h

PUB DATE Feb 87

NOTE 11p.; Small print in tables 1-3 may affect legibility.

PUB TYPE Statistical Data (110)

EDRS PRICE MF01/PC01 Plus Postage.

DESCRIPTORS Administrators; Elementary Secondary Education; Government Publications; Librarians; National Surveys; Occupational Surveys; *Public Schools; School Counselors; *School Personnel; *School Statistics; School Surveys; Tables (Data); Teacher Aides; Teachers

ABSTRACT

The number of staff in full-time-equivalent (FTE) positions in public elementary and secondary schools in the United States is reported in two categories: instructional staff (teachers and instructional aides); and support services staff (local education officials and administrators, school administrators, guidance counselors, librarians, and all other support services staff). The data were reported by state education agencies to the Center for Education Statistics (CES) through the Common Core of Data (CCD) system. Thirty states and the District of Columbia reported increases in the number of teachers from fall 1982 to fall 1983; 20 states reported decreases. School system officials and administrators and school administrators accounted for approximately 4.8 percent of total FTE staff in fall 1983. Although the number of officials and administrators increased by roughly the same amount as did teachers (4,200 to 5,800), the percentage increase was much larger for officials and administrators--2.3 percent compared with 0.3 percent for teachers. All other categories of staff personnel decreased: guidance counselors by 1.2 percent; librarians by 1.1 percent; and all other support personnel by about 2.0 percent. The methodology is used to obtain this data is explained, and definitions of staff assignments are provided. Five tables are appended. (MLF)

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Historical OERI report

Center for Education Statistics

U.S. Department of Education

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Contact: George Wade
(202) 357-6624

February 1987

Staff in Public Elementary and Secondary Schools and School Systems, Fall 1983

In fall 1983, there were more than 3,907,500 full-time-equivalent (FTE) employed staff personnel in public elementary and secondary schools in the 50 States and the District of Columbia (table 1).² This amount is a decrease in staff of 23,800 or 0.6 percent (table 3) from the more than 3,931,300 FTE staff employed in fall 1982 (table 2).

This Bulletin expresses the number of staff in FTEs and reports the data on staff assignments in two categories: instructional staff (teachers and instructional aides), and support services staff (LEA, or local education agency) officials and administrators, school administrators, guidance counselors, librarians, and all other support services staff).³

¹Full-time equivalency of assignment is the amount of time required to perform a part-time assignment divided by the amount of time required in a corresponding full-time assignment.

²The data were reported by State education agencies to the Center for Education Statistics (CES) through the Common Core of Data (CCD) system. See the methodology section for details of the data collection process.

Also see the note at the bottom of tables 1 and 2 for estimated undercount of about 80,000 support staff.

³See the definitions of staff assignments at the end of this report.

CES 86-103h

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Instructional Staff

Teachers. In fall 1983, the 50 States and the District of Columbia employed 2,126,600 FTE teachers in their public elementary and secondary schools, an increase of 5,800 (0.3 percent) over the 2,120,800 teachers reported in fall 1982. The 1983 figure represents 54.4 percent of the 3.9 million total employed staff in local education agencies.

Thirty States and the District of Columbia reported increases in the number of teachers from fall 1982 to fall 1983. The States with the largest increases, Ohio and Texas, each reported about 2,800 additional teachers. Florida and New York were next, with reported increases of about 1,700 and 1,100 respectively. The others reported increases ranging from about 700 down to about 20 teachers (table A).

Twenty States reported decreases. Illinois reported the largest decrease--nearly 2,500 teachers--followed by Pennsylvania, with a decrease of about 1,600 teachers. The remaining States experienced decreases ranging from nearly 1,000 down to 4 (table B).

Instructional Aides. The 278,100 FTE instructional aides reported in fall 1983 represented 7.1 percent of the total FTE staff for that year. This reflects a decrease of about 7,500 aides (-2.6 percent) from the 285,700 reported in fall 1982.⁴

Support Services Staff

Officials and Administrators and School Administrators. School system officials and administrators and school administrators accounted for approximately 188,000 FTEs or 4.8 percent of total FTE staff in fall 1983. This category of staff increased by 4,200 members (2.3 percent) from fall 1982. Although the number of officials and administrators increased by roughly the same amount as did teachers (4,200 to 5,800), the percentage increase was much larger for officials and administrators--2.3 percent compared with 0.3 percent for teachers.

Guidance counselors. Guidance and counseling personnel numbered 62,600 in fall 1983. These staff composed 1.6 percent of the total FTE staff for that year. There were about 800 fewer FTE counselors in fall 1983 than in fall 1982, a 1.2 percent decrease. The 62,600 FTE counselors produced a ratio of 15.9 counselors for each 10,000 students, based upon the 39.3 million students in fall 1983.⁵

⁴A count of instructional aides was not available from Connecticut. For Nevada, they were included with all other support staff. In California, Indiana, and Oklahoma, library support staff were included with instructional aides.

⁵This number is taken from "Public School Enrollment, Fall 1983," U.S. Department of Education, National Center for Education Statistics.

Librarians. In fall 1983, there were 46,500 FTE librarians who accounted for 1.2 percent of total FTE staff. This figure was down by about 500 (-1.1 percent) from 1982.

All other Support Personnel. In 1983, all other support personnel numbered 1,205,800 (50.9 percent of all staff). This number represents a decrease (by about 2.0 percent) of 25,000 from fall 1982.⁶

⁶As indicated, Nevada included instructional aides in all other support staff. Data were not available for library support staff from the following States: Alabama, Connecticut, Florida, Georgia, Hawaii, Montana, Nebraska, North Carolina, Oregon, Tennessee and Virginia. Administrative support staff data were not available for Florida, Hawaii, Maine, and Montana. Connecticut did not report noncertified personnel. Montana and Texas did not report a number of types of noncertified personnel. It is estimated that the undercount from nonreporting is about 80,000 support personnel (see note at bottom of tables 1 and 2).

Methodology

The information in this bulletin comes from the Common Core of Data (CCD) survey, Part V--State Nonfiscal Report. The Center for Education Statistics (CES) conducts this survey annually with the assistance of State education agencies (SEAs) in the 50 States, the District of Columbia, and outlying areas under U.S. jurisdiction. The data are derived from State administrative records. This bulletin does not include data from the outlying areas, but these data are available upon request.

In obtaining data for its administrative record system, each SEA obtains fall membership reports from the local education agencies (LEAs) that operate public schools. Since each SEA uses various collection methodologies to obtain these data, the "as of" dates for membership count may vary from State to State. According to its own procedures, each SEA may edit or examine the individual LEA reports before computing State totals. Upon receipt of the data from each State, CES edits the reports using a machine edit procedure to check for internal and longitudinal consistency. Questionable entries identified through the machine edit process are returned to the SEA for verification or correction prior to publication.

Some States were not able to respond exactly according to the staff categories requested. Nevada, for example, included instructional aides with all other support staff. California, Oklahoma, and Indiana included library support staff with instructional aides. These exceptions are indicated in footnotes 2 and 6 and in the footnotes to the tables; to the limited extent that they occur, the data for the categories involved are inexact.

Definitions of Staff Assignments

Instructional (teacher) aides--Those staff members assigned to assist a teacher with routine activities associated with teaching (i.e., those activities requiring minor decisions regarding students such as monitoring, conducting rote exercises, operating equipment, and clerking). Volunteer aides are not included in this category.

Officials and administrators--The chief executive officers of the education agencies (such as superintendents and deputies) and all other persons having district-wide responsibility. Such positions may be business managers, administrative assistants, coordinators and the like, and those staff members whose activities are concerned with directing and managing the operation of a particular school. They include the activities performed by the principal, assistant principals, and other assistants while they supervise all operations of the school, evaluate the staff members of the school, assign duties to staff members, supervise and maintain the records of the school, and coordinate school instructional activities with those of the LEA and other appropriate units.

Guidance counselors/directors--Those professional staff whose activities involve counseling students and parents, consulting with other staff members on learning problems, evaluating the abilities of students, assisting students as they make their own educational and career plans and choices, assisting students in personal and social development, providing referral assistance, and working with other staff members in planning and conducting guidance programs for students.

Librarians (school library services)--Those staff members assigned to perform professional library service activities such as selecting, acquiring, preparing, cataloging, and circulating books and other printed materials; planning the use of the library by students, teachers and other members of the instructional staff; and guiding individuals in their use of library books and materials, whether maintained separately or as a part of an instructional materials center.

School administrative support staff--Those personnel that are assigned to the staffs of the officials and administrators. They may be assistants, clerks, department supervisors, or the like. They may also be staff whose activities support the teaching and administrative duties associated with the principals' offices.

All other support services staff--All staff that are not included in the other categories. This includes those staff members that are assigned to the staff of officials and administrators--assistants, clerks, and those staff whose activities also include the work of clerical staff in support of teaching and administrative duties involved with the offices of the principals. Also included are media personnel (other than librarians), library support staff, social workers, data processing, health, maintenance, bus drivers, security, clerical, cafeteria workers and other staff.

Table A.--States with an increase in number of teachers, fall 1982 to fall

States with an increase in teachers	Number of teachers		Increase from fall 19 to fall 1983	
	Fall 1982	Fall 1983	Number	Perc
Ohio	94,126	96,927	2,801	3.
Texas	167,835	170,629	2,794	1.
Florida	83,301	85,028	1,727	2.
New York	144,591	145,647	1,056	0.
Missouri	46,047	46,761	714	1.
Washington	34,056	34,757	701	2.
Maine	12,910*	13,492	582	4.
Alaska	5,710*	6,259	549	9.
South Dakota	7,974	8,355	331	4.
Massachusetts	56,498	56,873	375	0.
Virginia	56,038	56,388	350	0.
West Virginia	22,159	22,503	344	1.
Oregon	24,074	24,409	335	1.
Utah	15,336	15,640	304	2.
Wyoming	6,706	7,010	304	4.
Wisconsin	45,047	45,311	264	0.
Alabama	35,619	35,875	256	0.
Kentucky	32,237	32,458	221	0.
District of Columbia..	5,355	5,569	214	4.
New Mexico	14,323	14,532	209	1.
Nebraska	17,381	17,548	167	1.
Nevada	7,222	7,366	144	2.
South Carolina	32,244	32,323	79	0.
Arizona	26,190	26,268	78	0.
New Hampshire	9,758	9,821	63	0.
Idaho	9,790	9,847	57	0.
Vermont	6,189	6,242	53	0.
Georgia	56,510	56,555	45	0.
Kansas	26,056	26,096	40	0.
Oklahoma	34,960	34,999	39	0.
Delaware	5,409	5,429	20	0.

*Data were imputed by CES based on membership and previous year's data.

Table B.--States with a decrease in number of teachers, fall 1982 to fall 1

States with a decrease in teachers	Number of teachers		Decrease from fall 198 to fall 1983	
	Fall 1982	Fall 1983	Number	Perc
Illinois	104,619	102,130	2,489	2.
Pennsylvania	103,855	102,207	1,648	1.
Colorado	29,380	28,421	959	3.
New Jersey	74,303	73,593	710	1.
Louisiana	42,697	42,200	497	1.
Maryland	37,760	37,275	485	1.
Connecticut	32,760	32,317	443	1.
California	174,674	174,290	384	0.
Minnesota	39,775	39,392	383	1.
Michigan	80,364	79,982	382	0.
Iowa	32,110	31,779	331	1.
Tennessee	39,660	39,409	251	0.
Mississippi	25,176	24,955	221	0.
North Carolina	55,261	55,126	135	0.
Hawaii	7,077	7,007	70	1.
Montana	9,517	9,479	38	0.
Indiana	50,528	50,509	19	0.
Arkansas	23,713	23,696	17	0.
Rhode Island	8,854	8,848	6	0.
North Dakota	7,071	7,067	4	0.

Table 1.--Number and percentage of staff employed by public school systems, by type of staff, and by State:
50 States and D.C., fall 1983

STATE	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)											
		INSTRUCTIONAL STAFF				SUPPORT STAFF							
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL OTHER SUPPORT STAFF	
		NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT
TOTAL 50 STATES AND D.C.	3,907,543	2,120,599	54.4	270,120	7.1	150,016	4.0	62,562	1.6	40,471	1.2	1,205,707	30.9
ALABAMA	57,913	35,075	61.9	2,451	4.2	2,607	4.6	661	1.1	1,155	2.0	15,001	26.0
ALASKA	11,150	6,259	56.1	970	8.6	519	4.7	191	1.7	142	1.3	3,061	27.5
ARIZONA	50,371	26,266	52.1	3,790	7.5	2,275	4.5	605	1.0	506	1.2	10,057	20.0
ARKANSAS	44,260	23,696	53.5	2,131	4.8	2,370	5.4	547	1.2	691	1.6	14,017	31.7
CALIFORNIA	300,004	174,290	58.1	27,639	9.2	22,470	7.5	4,556	1.5	1,140	0.4	130,509	43.5
COLORADO	53,901	28,421	52.7	3,090	5.7	2,749	5.1	920	1.7	717	1.3	17,070	31.7
CONNECTICUT	30,909	32,317	104.5	3	0.0	2,311	7.5	1,795	5.8	566	1.8	3	0.0
DELAWARE	9,916	5,429	54.7	579	5.8	402	4.0	151	1.5	107	1.1	3,160	31.7
DISTRICT OF COLUMBIA	10,030	5,569	55.5	534	5.3	462	4.6	244	2.4	100	1.0	3,029	30.2
FLORIDA	161,371	85,020	52.7	10,077	6.2	7,163	4.4	3,159	2.0	2,191	1.4	49,213	30.5
GEORGIA	110,402	56,555	51.2	9,100	8.2	5,000	4.5	1,103	1.1	1,033	1.0	120,011	108.7
HAWAII	14,907	7,007	46.9	705	4.7	556	3.7	303	2.0	206	1.4	4,010	26.9
IDAH0	15,449	9,047	58.6	819	5.3	820	5.3	243	1.6	173	1.1	3,547	23.0
ILLINOIS	177,001	102,130	57.7	9,106	5.2	5,960	3.4	2,231	1.3	2,211	1.2	55,075	31.1
INDIANA	99,140	50,509	50.9	6,172	6.2	3,404	3.5	1,299	1.3	1,142	1.2	30,534	30.8
IOWA	50,200	31,779	63.3	2,620	5.2	2,002	4.0	907	1.8	679	1.3	20,235	40.5
KANSAS	45,223	26,096	57.7	2,204	4.9	1,900	4.2	936	2.1	805	2.0	13,194	29.3
KENTUCKY	62,405	32,450	52.0	2,750	4.4	2,937	4.7	807	1.3	1,100	1.8	22,405	35.9
LOUISIANA	60,300	42,200	70.0	6,501	10.8	4,107	6.8	804	1.3	1,117	1.9	31,571	52.4
MAINE	22,362	13,492	60.3	1,900	8.5	1,220	5.5	352	1.6	207	0.9	5,023	22.5
MARYLAND	70,993	37,275	52.5	4,770	6.7	2,470	3.5	1,231	1.7	972	1.4	24,207	34.1
MASSACHUSETTS	97,224	56,071	57.7	6,095	6.3	4,215	4.3	1,955	2.0	606	0.7	27,426	28.2
MICHIGAN	162,735	79,902	49.1	9,007	5.5	13,221	8.1	3,196	2.0	1,547	1.0	54,002	33.2
MINNESOTA	70,750	39,392	55.7	6,193	8.8	3,997	5.6	850	1.2	720	1.0	20,490	29.1
MISSISSIPPI	51,115	24,955	48.8	3,951	7.7	2,090	4.1	702	1.4	730	1.4	10,007	19.6
MISSOURI	60,344	46,701	77.4	3,347	5.5	4,017	6.7	2,006	3.3	1,209	1.4	30,344	50.3
MONTANA	12,313	9,479	77.0	1,109	9.0	606	5.0	302	2.5	323	2.6	0	0.0
NEBRASKA	30,570	17,540	57.4	2,043	6.7	1,552	5.1	509	1.7	505	1.7	10,421	27.5
NEVADA	12,703	7,366	58.0	7	0.1	453	3.6	229	1.8	151	1.2	4,504	35.4
NEW HAMPSHIRE	15,993	9,021	56.4	1,303	8.2	620	3.9	395	2.5	151	0.9	3,037	19.0
NEW JERSEY	134,070	73,593	54.9	4,011	3.0	7,219	5.4	2,250	1.7	1,005	0.8	65,100	48.5
NEW MEXICO	27,363	14,532	53.1	2,099	7.7	1,029	3.8	520	1.9	207	0.8	0,316	1.2
NEW YORK	290,701	145,647	50.1	19,070	6.4	10,231	3.4	4,402	1.5	2,094	0.7	114,009	39.2
NORTH CAROLINA	100,239	55,120	55.0	10,011	15.1	5,013	4.7	1,002	1.0	1,017	1.0	20,070	20.0
NORTH DAKOTA	12,359	7,007	56.7	601	5.3	703	5.7	156	1.3	176	1.4	3,596	29.1
OHIO	177,023	96,927	54.7	6,110	3.4	9,637	5.4	2,733	1.5	1,097	0.6	60,513	34.2
OKLAHOMA	60,772	34,999	57.6	3,317	5.5	2,974	4.9	1,092	1.8	649	1.1	17,741	29.0
OREGON	45,742	24,409	53.4	3,557	7.8	2,251	4.9	933	2.0	705	1.7	13,027	28.7
PENNSYLVANIA	105,400	102,207	97.1	9,110	8.7	6,412	6.1	3,224	3.1	1,903	1.8	62,550	59.3
RHODE ISLAND	14,000	6,044	43.2	004	0.3	675	4.8	352	2.5	210	1.5	3,105	22.2
SOUTH CAROLINA	50,100	32,323	64.5	4,027	8.0	2,027	4.0	970	1.9	1,009	2.0	17,000	34.0
SOUTH DAKOTA	15,370	8,355	54.4	1,040	6.8	575	3.7	219	1.4	171	1.1	5,010	32.6
TENNESSEE	70,134	39,409	56.2	4,010	5.7	4,975	7.1	820	1.1	1,206	1.7	25,030	35.8
TEXAS	201,910	170,029	84.2	23,500	11.6	13,130	6.4	3,973	2.0	3,171	1.6	27,027	13.4
UTAH	20,023	15,640	78.1	2,107	10.6	1,100	5.3	371	1.8	310	1.5	7,201	36.0
VERMONT	11,000	6,242	56.7	1,005	9.1	050	4.5	191	1.6	170	1.5	3,162	27.8
VIRGINIA	102,020	50,300	49.3	7,304	7.2	4,004	3.9	1,954	1.9	1,720	1.7	30,764	29.9
WASHINGTON	61,012	34,757	57.0	3,076	5.0	3,123	5.1	1,129	1.9	1,004	1.6	17,043	27.9
WEST VIRGINIA	40,299	22,503	55.8	2,705	6.7	1,727	4.3	505	1.3	357	0.9	12,502	31.0
WISCONSIN	77,072	45,311	58.8	4,727	6.1	3,134	4.1	1,340	1.7	1,079	1.4	21,409	27.8
WYOMING	13,542	7,010	51.8	002	0.0	770	5.7	157	1.2	147	1.1	4,000	29.6

¹ Data not available for library support staff.

² Library support staff included with instructional aides.

³ Data not available.

⁴ Data not available for library support staff and administrative support staff.

⁵ Data not available for administrative support staff.

⁶ Data not available for library support staff, administrative support staff and a number of other types of noncertified personnel.

⁷ Instructional aides included in all other support staff.

⁸ A number of types of noncertified personnel not reported.

NOTE.--See Methodology section for a description of the data editing and State verification procedures.

The actual figure for "all other support staff" is an undercount due to nonreporting of some types of support staff as indicated. An estimate of the undercount was made by taking the national percentage of these types of staff (0.5 percent for library aides, 7.8 percent for administrative support staff, for example) as a basis for estimation and applying the percentages to the individual State staff totals for those States where data were not reported. It is estimated that the undercount for "all other support staff" and hence for "total staff" is about 80,000.

Table 2.—Number and percentage of staff employed by public school systems, by type of staff, and by State:
50 States and D.C., fall 1982

STATE AND UTMR AREA	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)											
		INSTRUCTIONAL STAFF				SUPPORT STAFF							
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL OTHER SUPPORT STAFF	
		NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TOTAL 50 STATES AND D.C.	3,931,312	2,120,005	54.0	205,051	7.3	103,426	4.7	63,312	1.6	40,979	1.2	1,230,739	31.2
ALABAMA	65,554	35,619	54.3	2,930	4.5	2,714	4.1	459	1.0	1,155	1.8	122,475	34.3
ALASKA	4,384	5,710	60.1	995	11.9	424	5.1	174	2.1	147	1.8	934	11.1
ARIZONA	50,270	26,194	52.1	3,670	7.3	2,342	4.7	700	1.4	594	1.2	10,757	33.3
ARKANSAS	44,000	23,713	53.9	2,260	5.1	2,356	5.3	554	1.3	762	1.6	14,503	32.9
CALIFORNIA	392,341	174,674	44.5	25,364	14.9	16,127	4.1	4,430	1.1	1,145	0.3	137,663	35.1
COLORADO	55,725	29,300	52.7	4,278	7.7	3,032	5.4	910	1.6	710	1.3	17,415	31.3
CONNECTICUT	37,403	32,740	87.4	3	3	2,217	6.2	1,624	4.9	567	1.5	3,242	32.5
DELAWARE	9,980	5,489	55.2	550	5.6	517	5.2	145	1.5	109	1.1	3,120	31.0
DISTRICT OF COLUMBIA	10,001	5,355	53.1	710	7.3	470	4.7	268	2.5	170	1.7	3,120	31.0
FLORIDA	160,524	83,301	51.9	13,216	6.2	7,162	4.4	3,264	2.0	2,286	1.4	51,015	32.0
GEORGIA	110,422	50,510	51.2	9,105	6.2	4,990	4.5	1,176	1.1	1,035	1.7	13,790	33.3
HAWAII	15,310	7,477	49.2	911	5.9	572	3.7	370	2.5	247	1.6	4,133	40.0
IDaho	15,310	9,790	63.9	769	5.0	822	5.4	250	1.6	171	1.1	3,580	22.9
ILLINOIS	101,401	104,619	57.0	9,051	5.0	6,163	3.4	4,347	1.3	2,303	1.3	50,970	31.4
INDIANA	90,506	50,520	51.3	25,053	5.9	3,500	3.6	1,334	1.4	1,167	1.2	30,204	30.7
IOWA	50,427	32,110	55.9	2,629	4.5	2,091	3.6	909	1.6	674	1.2	20,014	30.3
KANSAS	44,757	26,056	50.2	1,997	4.5	1,913	4.3	921	2.1	809	2.0	12,901	29.0
KENTUCKY	62,076	32,237	51.9	2,041	4.5	2,745	4.4	825	1.3	1,107	1.0	22,921	30.6
LOUISIANA	65,457	42,497	50.9	6,218	7.3	3,964	4.4	820	1.0	1,171	1.4	30,575	29.0
MAINE	21,300	12,910	60.6	1,780	6.4	1,195	5.2	334	1.4	199	0.9	4,972	23.3
MARYLAND	71,265	37,700	53.0	4,604	6.0	2,493	3.5	1,274	1.0	1,085	1.4	20,009	33.0
MASSACHUSETTS	96,177	56,490	58.7	5,022	4.1	4,404	4.6	1,909	2.0	656	0.7	20,840	27.9
MICHIGAN	100,950	80,304	40.1	10,409	6.3	10,100	9.7	3,270	2.0	1,540	0.9	55,113	33.0
MINNESOTA	72,370	39,775	55.0	4,453	6.9	3,104	4.4	409	1.2	762	1.0	21,355	29.5
MISSISSIPPI	49,134	25,176	51.2	4,479	5.0	2,131	4.3	690	1.4	741	1.5	17,909	36.4
MISSOURI	87,095	40,047	52.4	3,410	3.9	4,600	5.3	1,764	2.0	1,199	1.4	34,795	35.0
MONTANA	12,226	9,517	77.4	933	6.4	609	5.6	299	2.4	324	2.7	362	3.0
NEBRASKA	30,303	17,341	57.2	2,123	7.0	1,527	5.0	506	1.7	405	1.0	1,301	27.5
NEVADA	12,978	7,222	61.4	7	7	459	5.0	290	3.5	157	1.9	7,407	1.0
NEW HAMPSHIRE	15,709	9,750	61.0	1,272	6.1	620	4.0	373	2.4	150	1.0	13,600	22.9
NEW JERSEY	135,765	74,303	54.7	4,620	3.4	7,114	5.2	2,204	1.7	1,617	1.2	49,827	33.0
NEW MEXICO	27,116	14,323	52.8	2,470	9.0	1,009	3.9	501	1.0	240	0.9	6,327	30.7
NEW YORK	296,005	144,591	49.0	17,000	6.0	9,617	3.2	4,429	1.5	2,000	0.9	110,930	29.3
NORTH CAROLINA	104,005	55,201	51.4	10,022	15.0	4,951	4.6	1,590	1.5	2,017	1.9	120,844	29.2
NORTH DAKOTA	12,300	7,071	57.5	809	4.9	720	5.9	137	1.1	101	1.3	3,002	29.3
OHIO	170,509	94,126	52.7	5,772	3.2	9,204	5.2	2,800	1.6	1,749	1.0	64,030	30.3
OKLAHOMA	61,590	34,900	56.0	3,370	5.5	3,004	4.9	1,091	1.0	603	1.0	10,562	30.1
OREGON	45,934	24,074	52.4	3,400	7.5	2,404	4.9	929	4.0	703	1.7	14,414	31.4
PENNSYLVANIA	160,903	103,055	55.0	9,037	4.0	6,497	3.4	3,297	1.7	1,976	1.0	60,241	34.0
RHODE ISLAND	10,110	6,054	60.7	803	5.7	479	4.0	352	2.5	222	1.6	3,200	22.7
SOUTH CAROLINA	50,504	32,244	55.3	0,114	7.1	2,474	4.0	971	1.7	1,092	1.9	17,297	29.5
SOUTH DAKOTA	14,005	7,974	56.7	1,001	7.1	740	5.3	206	1.5	179	1.3	3,905	28.2
TENNESSEE	77,067	39,000	50.9	4,173	5.4	5,050	6.5	643	1.1	1,263	1.4	120,009	30.2
TEXAS	240,477	107,035	44.0	20,492	10.1	12,936	5.4	4,024	2.0	3,107	1.3	27,001	11.3
UTAH	24,504	15,336	57.7	1,503	6.0	1,000	4.0	369	1.4	331	1.2	7,001	29.7
VERMONT	11,532	6,100	53.7	1,039	9.0	859	7.4	191	1.7	175	1.5	3,079	26.7
VIRGINIA	102,464	50,830	50.0	7,270	7.1	4,037	4.5	1,004	1.0	1,705	1.7	31,042	30.2
WASHINGTON	59,022	34,050	57.1	3,050	6.5	3,094	5.2	1,095	1.0	1,070	1.0	10,439	27.0
WEST VIRGINIA	40,120	22,159	55.2	2,519	6.5	1,714	4.3	500	1.2	349	0.9	12,705	31.0
WISCONSIN	74,050	35,007	50.0	4,400	5.0	3,498	4.0	1,350	1.0	1,002	1.4	21,413	27.9
WYOMING	12,040	6,706	54.2	793	6.2	762	5.9	149	1.2	139	1.1	4,296	35.4
UTMR AREAS:													
GUAM	2,593	1,323	51.0	105	7.1	71	2.7	66	2.5	19	0.7	929	35.0
PUERTO RICO	37,503	34,045	91.4	1,509	4.2	1,559	4.1	510	1.4	579	1.5	521	1.4
VIRGIN ISLANDS	3,919	1,447	44.0	403	10.3	170	5.5	73	1.9	43	1.1	1,377	40.2

¹ Data not available for library support staff.

² Library support staff included with instructional aides.

³ Data not available.

⁴ Data not available for library support staff and administrative support staff.

⁵ Data not available for administrative support staff.

⁶ Data not available for library support staff, administrative support staff and a number of other types of noncertified personnel.

⁷ Instructional aides included in all other support staff.

⁸ A number of types of noncertified personnel not reported.

NOTES.—See Methodology section for a description of the data editing and State verification procedures.

The actual figure for "all other support staff" is an undercount due to nonreporting of some types of support staff, as indicated. An estimate of the undercount was made by taking the national percentage of these types of staff (0.5 percent for library aides, 7.8 percent for administrative support staff, for example) as a basis for estimation and applying the percentages to the individual State staff totals for those States where data were not reported. It is estimated that the undercount for "all other support staff" and hence for "total staff" is about 80,000.

Table 3.—Number and percentage of change in staff employed by public school systems, by type of staff, and by State:
50 States and D.C., fall 1982 to fall 1983

STATE	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)										
		INSTRUCTIONAL STAFF				SUPPORT STAFF						
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL UT SUPPU STAF
		NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER	PER- CENT	NUMBER
TOTAL 50 STATES AND D.C.	-23,769	5,794	0.3	-7,525	-2.6	4,192	2.3	-750	-1.2	-500	-1.1	-24,972
ALABAMA	-7,641	256	0.7	-476	-10.2	-29	-1.1	2	0.3	0	0.0	¹ -7,394
ALASKA	2,766	549	9.0	-17	-1.7	95	22.4	17	9.0	-5	-3.4	2,127
ARIZONA	101	70	0.3	21	0.6	-67	-2.9	-23	-3.2	-6	-1.3	100
ARKANSAS	172	-17	-0.1	-129	-5.7	22	0.9	-7	-1.3	-11	-1.6	314
CALIFORNIA	-11,737	-304	-0.4	² -10,663	-10	6,343	39.3	126	2.8	-5	-0.4	-7,154
COLORADO	-1,744	-959	-3.3	-788	-10.4	-203	-9.3	18	2.0	7	1.0	261
CONNECTICUT	-474	-443	-1.4	3	3	-1	0.0	-29	-1.0	-1	-0.2	0
DELAWARE	-64	20	0.4	21	3.0	-35	-0.0	6	4.1	-2	-1.0	-74
DISTRICT OF COLUMBIA	-43	214	4.0	-176	-24.8	12	2.0	-4	-1.0	10	5.9	-99
FLORIDA	647	1,727	2.1	1,461	11.1	1	0.0	-45	-1.4	-95	-4.2	⁴ -2,202
GEORGIA	60	45	0.1	-5	-0.1	2	0.0	7	0.6	-2	-0.1	13
HAWAII	-331	-70	-1.0	-126	-14	-16	-2.8	5	1.3	-1	-0.4	⁴ -123
IDAH0	139	57	0.6	50	0.5	-2	-0.2	-7	-2.0	2	1.2	39
ILLINOIS	-3,000	-2,409	-2.4	135	1.5	-195	-3.2	-136	-5.7	-92	-4.0	-1,103
INDIANA	554	-19	0.0	² 319	5.5	-10	-0.5	-35	-2.0	-75	-2.1	330
IOWA	-139	-331	-1.0	-3	-0.1	-29	-1.4	-2	-0.2	5	0.7	221
KANSAS	466	40	0.2	207	10.4	-5	-0.3	15	1.0	-4	-0.4	213
KENTUCKY	-211	221	0.7	-63	-2.9	192	7.0	-10	-2.2	-7	-0.6	-510
LOUISIANA	923	-497	-1.2	203	4.6	139	3.5	56	6.0	-54	-4.0	996
MAINE	954	502	4.5	172	9.6	123	11.1	10	5.4	0	4.0	551
MARYLAND	-292	-405	-1.3	66	1.0	-15	-0.6	-43	-3.4	-33	-3.3	190
MASSACHUSETTS	1,047	375	0.7	273	4.7	-224	-5.2	46	2.4	4	0.6	570
MICHIGAN	-4,215	-302	-0.5	-502	-4.0	-2,939	-10	-62	-2.5	1	0.1	-311
MINNESOTA	-1,020	-303	-1.0	-260	-4.0	-67	-2.7	-11	-1.3	-22	-3.0	-857
MISSISSIPPI	1,901	-221	-0.9	1,472	59.4	-41	-1.9	4	0.0	-11	-1.5	770
MISSOURI	449	714	1.0	-63	-1.8	-63	-1.3	302	17.1	10	0.0	-451
MONTANA	87	-30	-0.4	76	7.4	-3	-0.4	3	1.0	-3	-0.9	652
NEBRASKA	195	167	1.0	-80	-3.0	25	1.0	3	0.0	20	4.1	100
NEVADA	-272	144	2.0	7	7	-6	-1.3	-61	-21.0	-6	-3.0	⁷ -343
NEW HAMPSHIRE	204	63	0.0	91	7.2	-2	-0.3	22	5.9	1	0.7	29
NEW JERSEY	-1,095	-710	-1.0	191	4.1	105	1.5	-30	-1.3	-12	-0.7	-639
NEW MEXICO	245	209	1.5	-571	-21	500	55.3	19	3.0	19	7.7	-11
NEW YORK	712	1,056	0.7	1,270	7.1	614	6.4	33	0.7	6	0.2	-2,267
NORTH CAROLINA	-446	-135	-0.4	-11	-0.1	62	1.3	12	0.0	-200	-9.9	¹ -174
NORTH DAKOTA	51	-4	-0.1	52	0.5	-25	-3.4	19	13.9	15	9.3	-6
OHIO	-926	2,001	3.0	344	6.0	433	4.7	-127	-4.4	-52	-3.0	-4,325
OKLAHOMA	-810	39	0.1	² -53	-1.0	-30	-1.0	1	0.1	46	7.6	-821
OREGON	-142	335	1.4	89	2.0	-15	-0.7	4	0.4	-10	-2.3	-507
PENNSYLVANIA	-3,437	-1,640	-1.0	73	0.0	-15	-1.3	-73	-2.2	-13	-0.7	-1,691
RHODE ISLAND	-30	-6	-0.1	1	0.1	-4	-0.6	0	0.0	-5	-2.7	-23
SOUTH CAROLINA	-190	79	0.2	-67	-2.1	-49	-1.0	3	0.3	-3	-0.3	-141
SOUTH DAKOTA	1,311	301	4.0	39	3.9	-165	-22.3	13	6.3	-8	-4.5	1,051
TENNESSEE	-1,733	-251	-0.0	-155	-3.7	-84	-1.7	-15	-1.0	3	0.2	¹ -1,231
TEXAS	1,433	2,794	1.7	-1,112	-4.5	194	1.5	-653	-17.7	64	2.1	546
UTAH	255	304	2.0	924	33.1	110	11.0	2	0.5	-13	-3.9	-680
VERMONT	156	53	0.4	26	2.5	-9	-1.0	0	0.0	3	1.7	83
VIRGINIA	154	350	0.0	106	1.5	-33	-0.7	50	2.6	-39	-2.2	-278
WASHINGTON	1,390	701	2.1	10	0.5	27	0.9	34	3.1	6	0.6	604
WEST VIRGINIA	171	344	1.0	86	3.3	11	0.6	5	1.0	0	2.3	-203
WISCONSIN	214	214	0.0	259	5.0	-340	-10.3	-2	-0.1	-3	-0.3	56
WYOMING	730	304	4.5	90	11.4	16	2.1	0	5.4	0	5.0	312

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